

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

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# PCT

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing  
(day/month/year)

**06 JANUARY 2005 (06.01.2005)**

Applicant's or agent's file reference  
FE241508

**FOR FURTHER ACTION**

See paragraph 2 below

International application No.

**PCT/KR2004/002466**

International filing date (day/month/year)

**24 SEPTEMBER 2004 (24.09.2004)**

Priority date(day/month/year)

26 SEPTEMBER 2003 (26.09.2003)

International Patent Classification (IPC) or both national classification and IPC

**IPC7 H04Q 7/22**

Applicant

**UTStarcom Korea Limited et al**

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR



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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2004/002466

**Box No. I Basis of this opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format  
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2004/002466

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Claims	1-11	YES
	Claims	NONE	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	1-11	NO
Industrial applicability (IA)	Claims	1-11	YES
	Claims	NONE	NO

**2. Citations and explanations :**

D1 : KR1998-0016036 A (1998.05.25)

D2 : KR2003-0045245 A (2003.06.11)

Claims 1-11 of the present invention relate to a device and a method for tracking position using mobile communication network which comprises the following functions: in case a terminal user is in emergency, a protector detects the terminal user's position by GPS and a position information management server; in case the terminal user asks notification processing means a notification request, the terminal of the terminal user gets to output a notification voice message.

D1 discloses a method and an apparatus for emergency call comprising the following function : if a protector sends a signal for emergency code and message to the protected, emergency call rings in the terminal of the protected and a sign asking a help appears on the display at the same time.

D2 discloses a method for calling of portable terminal in emergency and a device thereof which delivers position information of the terminal user to a certain person by GPS in case of a terminal user's emergency.

In view of the teachings of citations D1-D2 taken in combination, these citations disclose all of the features of Claims 1-11. Thus, the subject matter of Claims 1-11 do not involve an inventive step in the sense of Article 33(3)PCT.

The industrial applicability of Claims 1-11 is self-evident in the sense of Article 33(4)PCT.